**Claims**

1. Use of intravenous contrast media for the production of a diagnostic agent for projection mammography.

2. Use of an agent according to claim 1, characterized in that the intravenous contrast medium contains iodine as an opacifying element.

3. Use of an agent according to claim 1, wherein the intravenous contrast medium contains bromine as an opacifying element.

4. Use of an agent according to claim 1, wherein the intravenous contrast medium contains a compound of the elements of atomic numbers 34, 42, 44-52, 54-60, 62-79, 82, or 83.

5. Use of an agent according to claim 1, wherein the intravenous contrast medium contains a metal chelate of the elements of atomic numbers 56-60, 62-79, 82, or 83.

6. Use of an agent according to claim 1, wherein the intravenous contrast medium has a molecular weight of 10,000 to 80,000 D.

7. Use of an agent according to claim 1, wherein the intravenous contrast medium is present in more highly-molecular structures.

8. Use of an agent according to claim 7, wherein the intravenous contrast medium is present in the form of molecule associates, liposomes, nano- or microparticles.

9. Use of intravenous contrast media according to claim 1, wherein they are present in an x-ray opacity that corresponds to 100 mg of iodine/ml to 500 mg of iodine/ml.

10. Use of intravenous contrast media according to claim 2, wherein they are present at a concentration of 100 mg of iodine/ml to 500 mg of iodine/ml.

11. Use of intravenous contrast media according to claim 2, wherein they are administered at a dose that corresponds to 150 mg of iodine/kg to 1500 mg of iodine/kg of body weight.

12. Use of intravenous contrast media according to claim 3, wherein they are present at a concentration of 100 mg of bromine/ml to 500 mg of bromine/ml.

13. Use of intravenous contrast media according to claim 3, wherein they are administered at a dose that corresponds to 100 mg of bromine/kg to 1500 mg of bromine/kg of body weight.

14. Use of intravenous contrast media according to claim 4, wherein they are present at a concentration of 10 mmol - 2 mol/l.

15. Use of intravenous contrast media according to claim 4, wherein they are administered at a dose of 0.1 - 2 mmol/kg of body weight.

16. Use of intravenous contrast media according to claim 5, wherein they are present at a concentration of 10 mmol/l - 2 mol/l.

17. Use of intravenous contrast media according to claim 5, wherein they are administered at a dose of 0.1 - 2 mmol/kg of body weight.

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